Debug.cfg

Concepts

DebugMsg is a facility in PLASMA designed to allow developers to selectively print messages using <u>markers</u>.

A **marker** is a string not containing comment characters with no leading or following whitespace. Such **marker**s are the first argument to the debugMsg macro in EUROPA$_2$. When a line composed of an optional ':' followed by any text which isn't a comment or trailing whitespace is the beginning of a **marker** the message is printed.

When running executables with `jam` debugMsg output is generally redirected to a file RUN_*execname*

Comments and whitespace

Debug.cfg supports three different comment characters '#', ';', and '/'. These characters and any text which follows them is ignored.

Debug.cfg ignores whitespace when:

- prior to the first non-whitespace character on a line
- after the last non-whitespace character on a line which precedes a comment.
- both of the above conditions are met (a line with no marker, this is completely ignored)

An example

```
# A comment
; Also a comment
/ Our final comment we could have used // but it's not necessary
 :ConstraintEngine   # our first debugMsg marker enabling messages in the ConstraintEngine.

# For a more robust example, examine the Debug.cfg generated by makeproject.
```